

## 600 REAR TRANSAXLE

Designed and manufactured for GT1 – GT4 Sports Car applications. The 600 gearbox is a customer specification longitudinal Transaxle utilising many components from previous Le Mans winning Xtrac gearboxes.

Xtrac's legendary record for reliability and performance was built on multiple winning Le Mans record from products like this.

### SPECIFICATION

- 650Nm (480lbf ft) maximum engine input torque\*
- 1st and 2nd Layshaft gears are integral, 3rd to 6th are slide on. With a wide range of available ratios
- Gearbox casing material is Magnesium RZ5 and all casting joint faces have 'O'-Ring seals
- Differential is the a Plate type with a choice of settings
- Clutch shaft to suit customer installation is included
- Hard cut Klingelnberg bevel set
- 6 ball C.V. type Output flanges are included
- Lubrication is via single stage lubrication pump
- Most components are manufactured in Xtrac's own grade of steel (X36C). Bevel sets, final drives and pinions are manufactured in Xtrac's vacuum melted steel (XVAR1), using the post heat treatment gear grinding or hard cutting process for greater accuracy and longer life. Highly stressed components are shot peened
- Weight 70Kg (154lb) in Aluminium, 64Kg (141 lbs) in Magnesium

### THE GEARBOX OFFERS THE FOLLOWING BENEFITS

- Light, positive gearchange with polynomial barrel tracks
- Cost effective, reliable solution
- Available either with or without drop gears

### OPTIONS SUMMARY

- Gear ground and super polished ratios (Xtrem Process)
- Integral 1<sup>st</sup> only
- Magnesium RZ5 castings
- Clutch mounting on gearbox
- Pneumatic Shift Cylinder
- Xtrac Viscous Combined Plate (VCP) with a choice of settings
- Xtrac manufactured Tripode Output flanges



### WHY CHOOSE XTRAC?

The value of Xtrac's competitive advantage is well recognised by the champions and one make series who already rely on their expertise, in addition to individual teams running on modest budgets. Success is summarised by Xtrac's watchwords:

#### QUALITY

To maintain their position as the leading supplier of high performance transmissions, Xtrac operate a continuous re-investment policy.

#### PERFORMANCE

Supplying championships such as IRL, BTCC, GRAND-AM, FIA Super 2000, Formula Le Mans and most recently, Brazilian Stockcar and Argentina's TC2000, Xtrac's track record speaks for itself.

#### RELIABILITY

Xtrac's advanced engineering solutions keep their customers ahead of the competition in the most grueling endurance events – from Dakar to Daytona and from Monte Carlo to Le Mans – all the way to the chequered flag.



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\*Approximate only, see Notes Document for details.

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